EARTHCON®

Environmental Challenges
BUSINESS SOLUTIONS®

Groundwater Sampling Record

WELL No.	OWNER	ADDRESS	DATE
WW #1	Rodney & Geraldine Wells	899 Lake Country Dr.	8/17/12

SAMPLE ID: WW01-Wel-081712	SAMPLER NAME: JH, PM
SAMPLE TIME: 0858	FIELD CONDITIONS/WEATHER: Sunny 73°F

No treatment on well
Took sample from spigot next to well

Well/ Sample Condition (circle one)

Pump operating	yes	no
Owner Present	yes	no
Sampled Water Treated	yes	no

Well Purging

Pumping rate: 10 gallons/minute
Volume pumped: 300 gallons
Clarity: clear
Other observations: sulfur smell

TIME 24:00 hr	CUMULATIVE VOLUME (gal)	Temp °C	pH S.U.	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	ODOR/COLOR/ REMARKS
0815	0							PURGE START
0816	0.5	22.77	8.89	2.229	7.75	-175.2	0.20	clear
0823	1.5	24.48	8.94	2.248	4.35	-174.6	0.21	clear
0828	2.0	25.18	8.94	2.287	3.58	-166.8	0.12	clear
0833	2.5	25.85	8.94	2.315	4.42	-159.3	0.15	clear
0838	3.0	26.33	8.94	2.322	4.66	-157.4	0.16	clear
0843	3.5	26.56	8.94	2.323	4.77	-156.7	0.20	clear
0848	4.0	26.69	8.94	2.319	2.56	-159.4	0.16	clear
0853	4.5	27.11	8.95	2.335	2.63	-160.6	0.15	clear
0858	5.0	27.52	8.95	2.352	2.57	-160.4	0.09	clear

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Well ID: VW #1
Owner: Rodney & Geraldine Wells
Address: 899 Lake Country Dr.
Date: 08/17/12

LEL -- lower explosive level
LFL -- lower flammable level
NIOSH -- National Institute for Occupational Safety and Health
O2 -- oxygen
OSHA -- Occupational Safety and Health Administration
ppm -- parts per million
REL -- recommended exposure limit
TWA -- time-weighted average
TLV -- time-limited value
UEL -- upper explosive level
UFL -- upper flammable level

		LEL (Calibrated for Methane) %	O_2 %	H_2S ppm	CO ppm	Time of Reading
		Alarm Level	Alarm Level	Alarm Level	Alarm Level	
		10 % LEL	19.50%	10 ppm	35 ppm	
		UEL/UFL	OSHA O_2 Enriched	NIOSH REL-TWA	NIOSH REL-TWA	
		15%	22%	10 ppm/10 min	35 ppm	
		LEL/LFL	OSHA O_2 Deficient	OSHA PEL-TWA	OSHA PEL-TWA	
		5%	19.50%	10 ppm	50 ppm	
Location & Coordinates	**#**	Value % LEL	Value %	Value ppm	Value ppm	Time 24:00 hr
Background	1	0	20.9	0	0	0735
	2	0	20.9	0	0	0745
	3	0	20.9	0	0	0755
	4	0	20.9	0	0	0805
Well Head	1	0	20.9	0	0	0736
	2	0	20.9	0	0	0746
	3	0	20.9	0	0	0756
	4	0	20.9	0	0	0806
Sampling Location	1	0	20.9	0	0	0737
	2	0	20.9	0	0	0747
	3	0	20.9	0	0	0757
	4	0	20.9	0	0	0807

CONFIDENTIAL / ATTORNEY WORK PRODUCT

DATE: 8/17/12

WELL # WW 1

NOTES TAKEN BY: JLH

- arrive site 07:30
- start purge 07:35
- end purge 08:05
- Started low flow at 0815
- end lowflow 0858
- sample time 08:58
- pack up
- leave site 09:20

CHAIN OF CUSTODY

PAGE ___ OF ___

ACCUTEST Laboratories

10165 Harwin Dr, Ste 150 Houston, TX 77036
TEL. 713-271-4700 FAX: 713-271-4770
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job #

Client / Reporting Information

Company Name: EarthCon Consultants, Inc.
Street Address: 4800 Sugar Grove Blvd., Suite 390
City / State / Zip: Stafford TX 77477
Project Contact / E-mail: Gabriela Floreslovo
Phone # / Fax #: 281-201-3513
Sampler(s) Name(s) / Phone #: JULIE HELFRICH (512) 632-5387

Project Information

Project Name: Second Quarterly Well Sampling, Parker County, Texas
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analyses

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	ZA/NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	TSP	NaHSO4	ENCORE	OTHER	BTEX 8260B	Butane, Ethane, Ethene, Isobutane, Methane, Propane by RSK-175	LAB USE ONLY
	WW01-WEL-081712	08/17/12	0858	JLH	W	6	X												X	X	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank

Turnaround Time (Business days)

- [X] Standard
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULT1 (Level 3+4)
- [ ] REDT1 (Level 3+4)
- [ ] Commercial "C"
- [X] TRRP
- [ ] EDD Format
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC & Surrogate Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Julie Helfrich	8/19/12 1615	1	2	8-19-12 1615	2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	[ ] Intact [ ] Not intact	Preserved where applicable [ ]

On Ice [ ] Cooler Temp.

ISOTECH

Send Data and Invoice to

Name: ALAN KORNACKI

Company: WEATHERFORD LABORATORIES

Address: 5200 N SAM HOUSTON PARKWAY
SUITE 500, HOUSTON TX 77086

Phone: 832-515-5137

Fax:

Email: alankornacki@weatherfordlabs.com

Project: SECOND QUARTER WELL SAMPLING

Location: PARKER COUNTY, TEXAS

Sampled by: J. HELFRICH

Isotech Laboratories, Inc.
1308 Parkland Court
Champaign, IL 61821
Phone: 217-398-3490
Fax: 217-398-3493
www.isotechlabs.com
mail@isotechlabs.com

Sample Description

Container Number	Sample Identification	Date Sampled	Analyses Requested: molecular of the gases and non-HC gases	C-isotopic comp of methane, ethane, propane, CO_2	D-isotopic comp of methane	Isotopic comp of N_2	Comments
	WW01-WEL-081712	08/17/12	X	X	X		

Chain-of-Custody Record

Signature	Company	Date	Time
Relinquished by			
Received by			
Relinquished by			
Received by			
Relinquished by			
Received by			